Atty Dkt. No.: R0066C DIV

Divisional Application of USSN: 09/568,559

## **Amendments To The Claims**

- 1-32 (Canceled)
- 33. (New) Isolated human aggrecanase.
- 34. (New) The isolated aggrecanase of claim 1, wherein said aggrecanase has an amino acid sequence substantially identical to the sequence of SEQ ID NO: 1.
- 35. (New) A fragment of the aggrecanase of claim 34.